

FIG. 1A

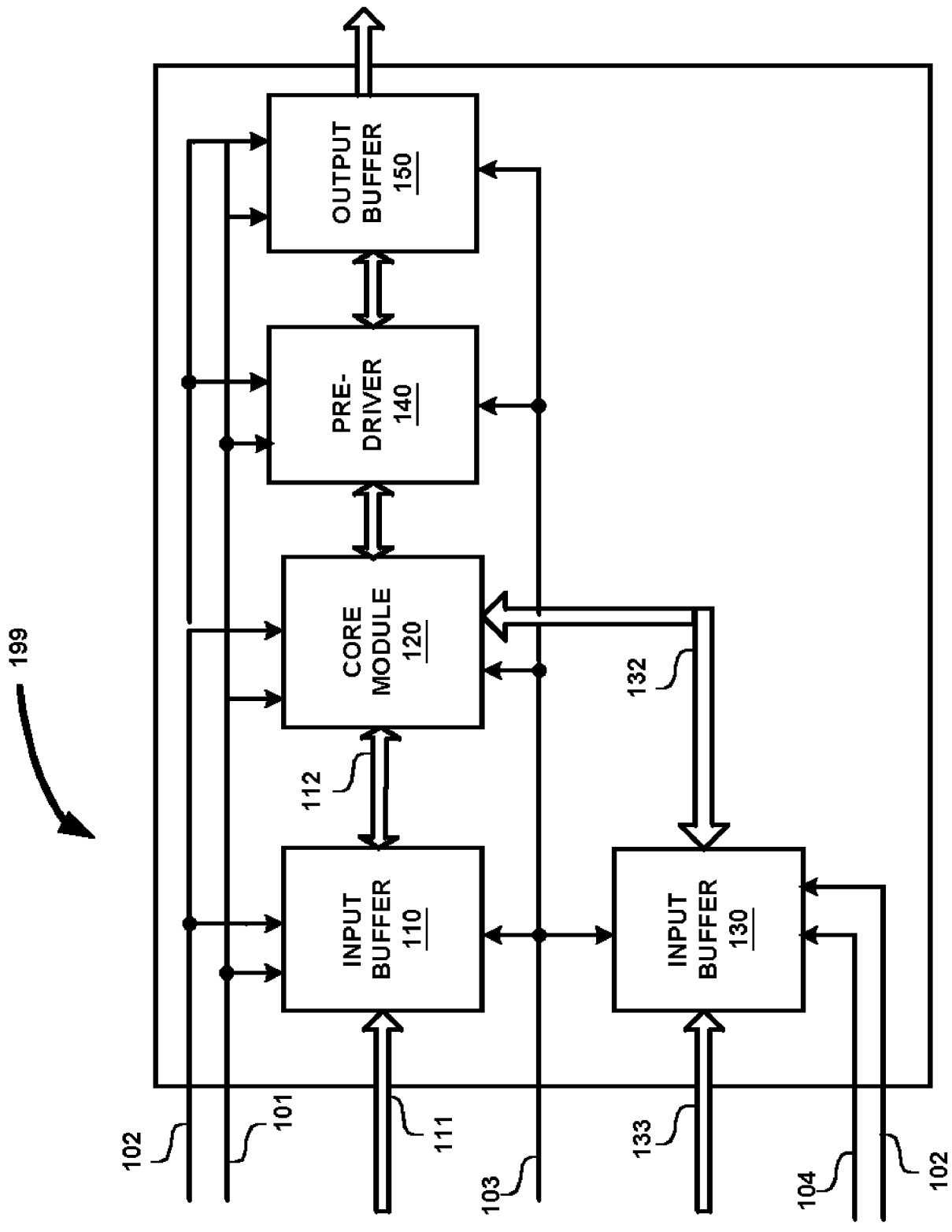


FIG. 1B

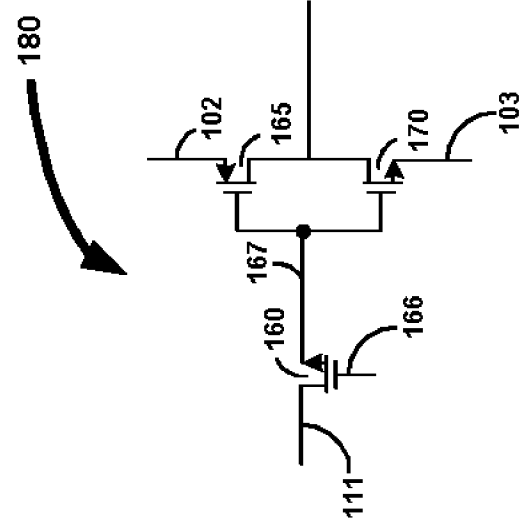


FIG. 1C (Prior Art)

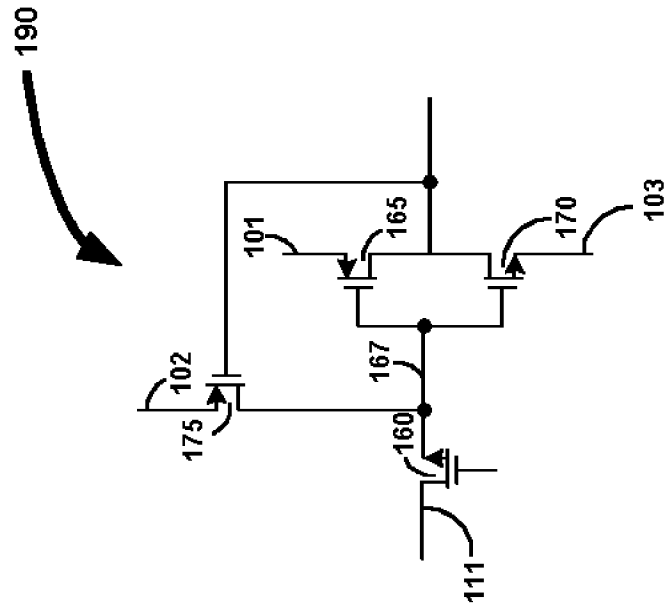


FIG. 1D (Prior Art)

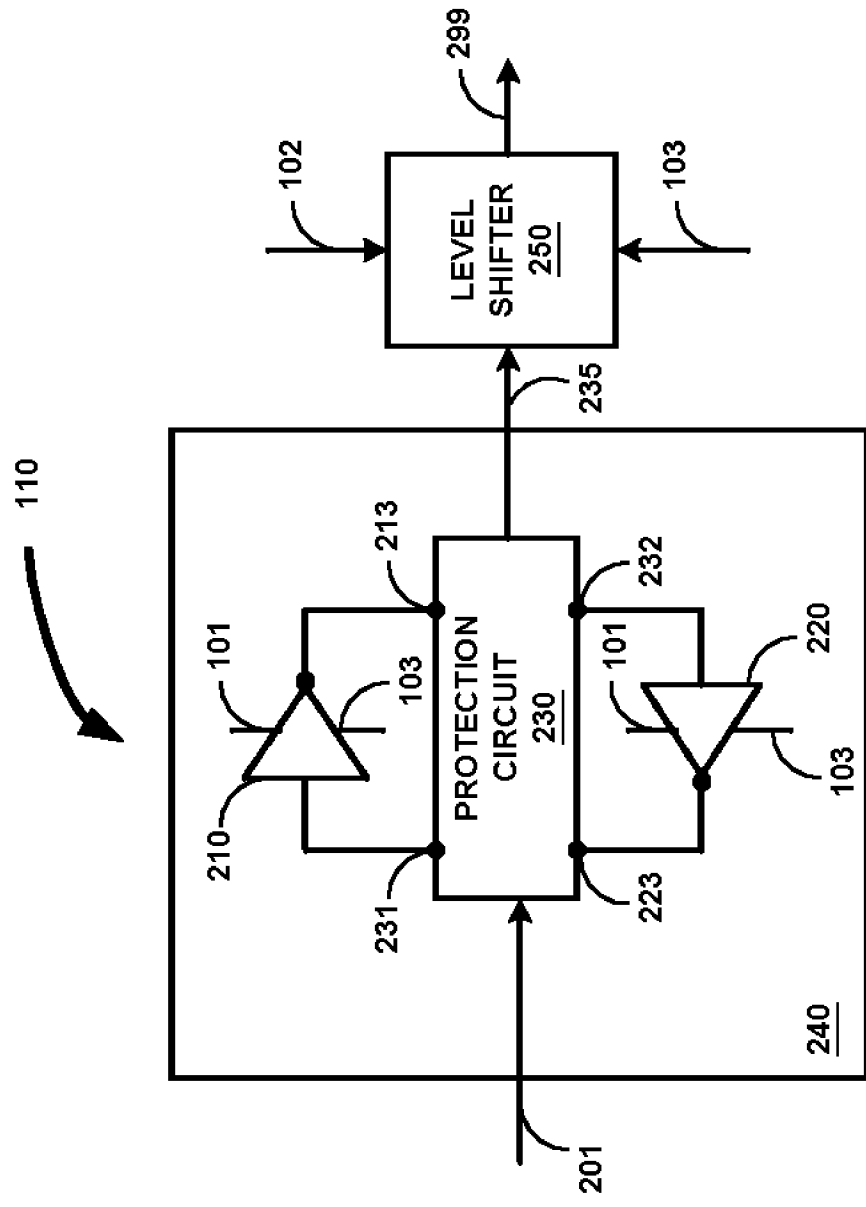
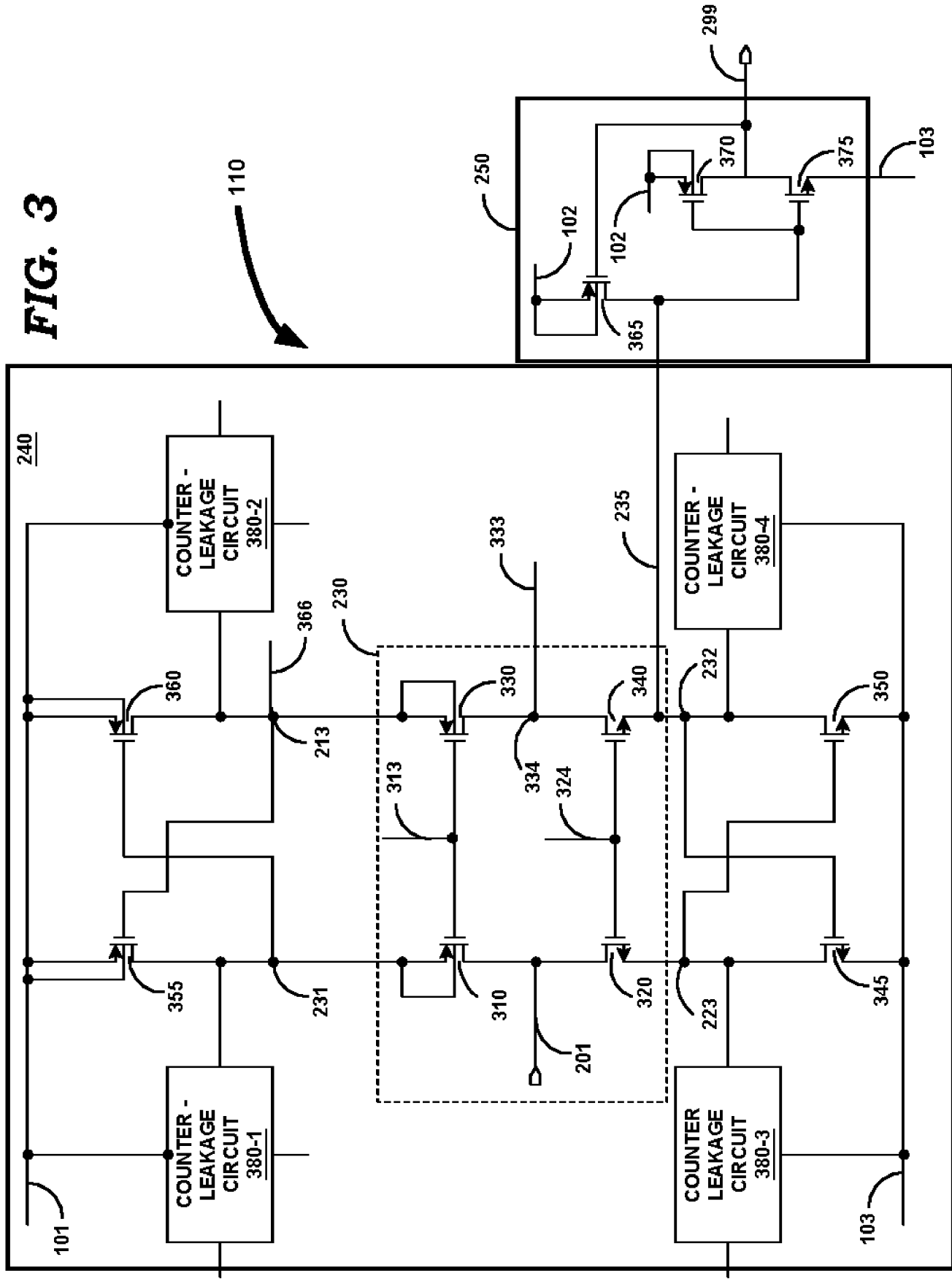


FIG. 2

FIG. 3



Cross Terminals	Voltage value	Comments
Vds of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vdg of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vgs of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vdg of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 320
Vds of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 330
Vdg of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 330
Vgs of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 330
Vdg of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 330

FIG. 4A

Cross Terminals	Voltage value	Comments
Vgs of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vdg of transistor 345	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vds of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vdg of transistor 350	BIASN-Vt-Vss	Protected due to turn off of transistor 340
Vgs of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 310
Vdg of transistor 360	HVDD-BIASP-Vt	Protected due to turn off of transistor 310
Vds of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 310
Vdg of transistor 355	HVDD-BIASP-Vt	Protected due to turn off of transistor 310

FIG. 4B

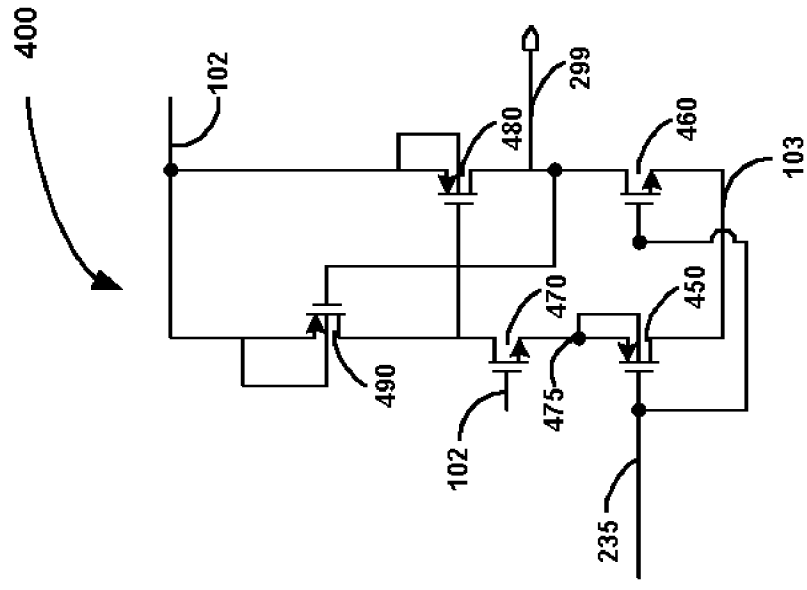


FIG. 4C

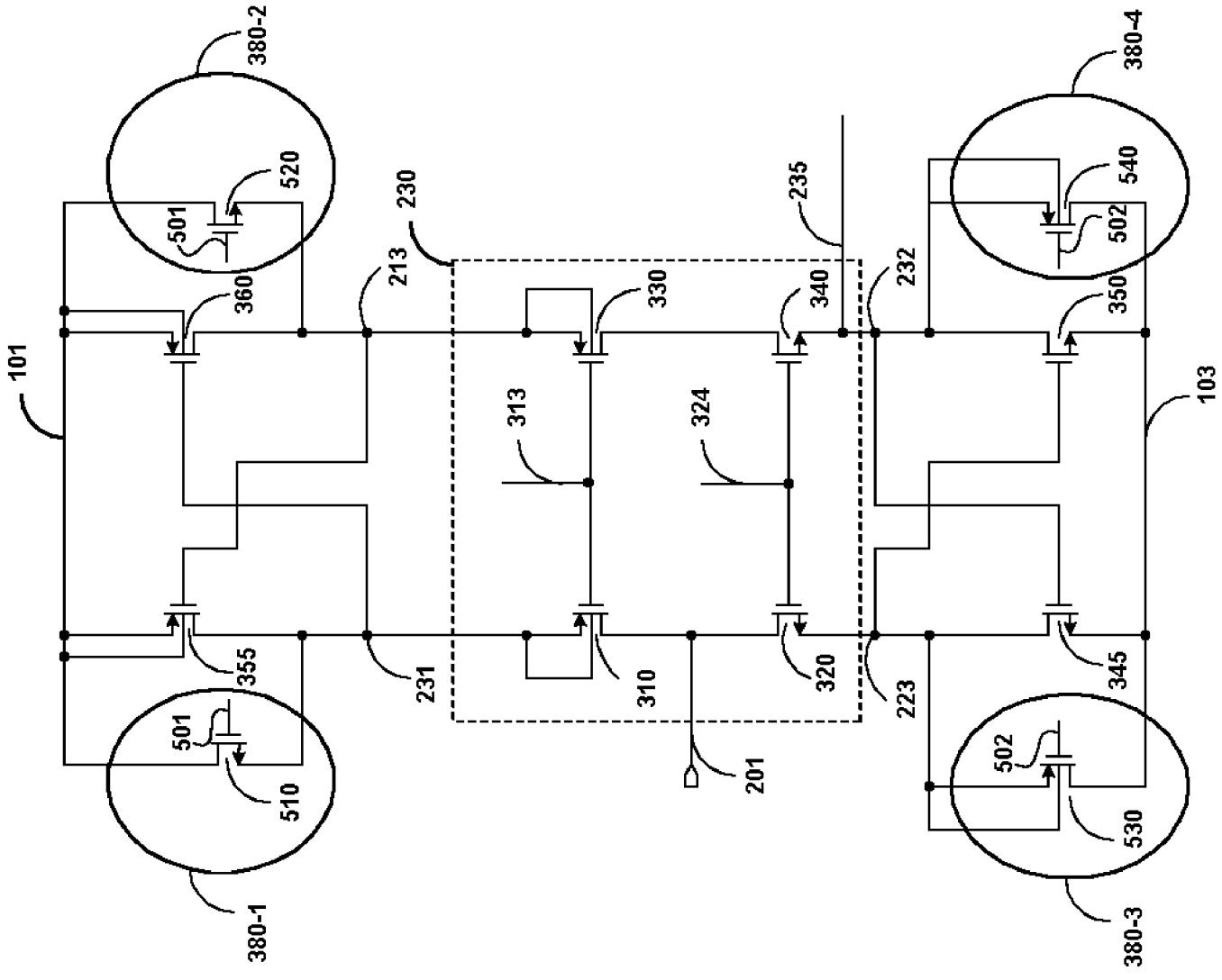


FIG. 5

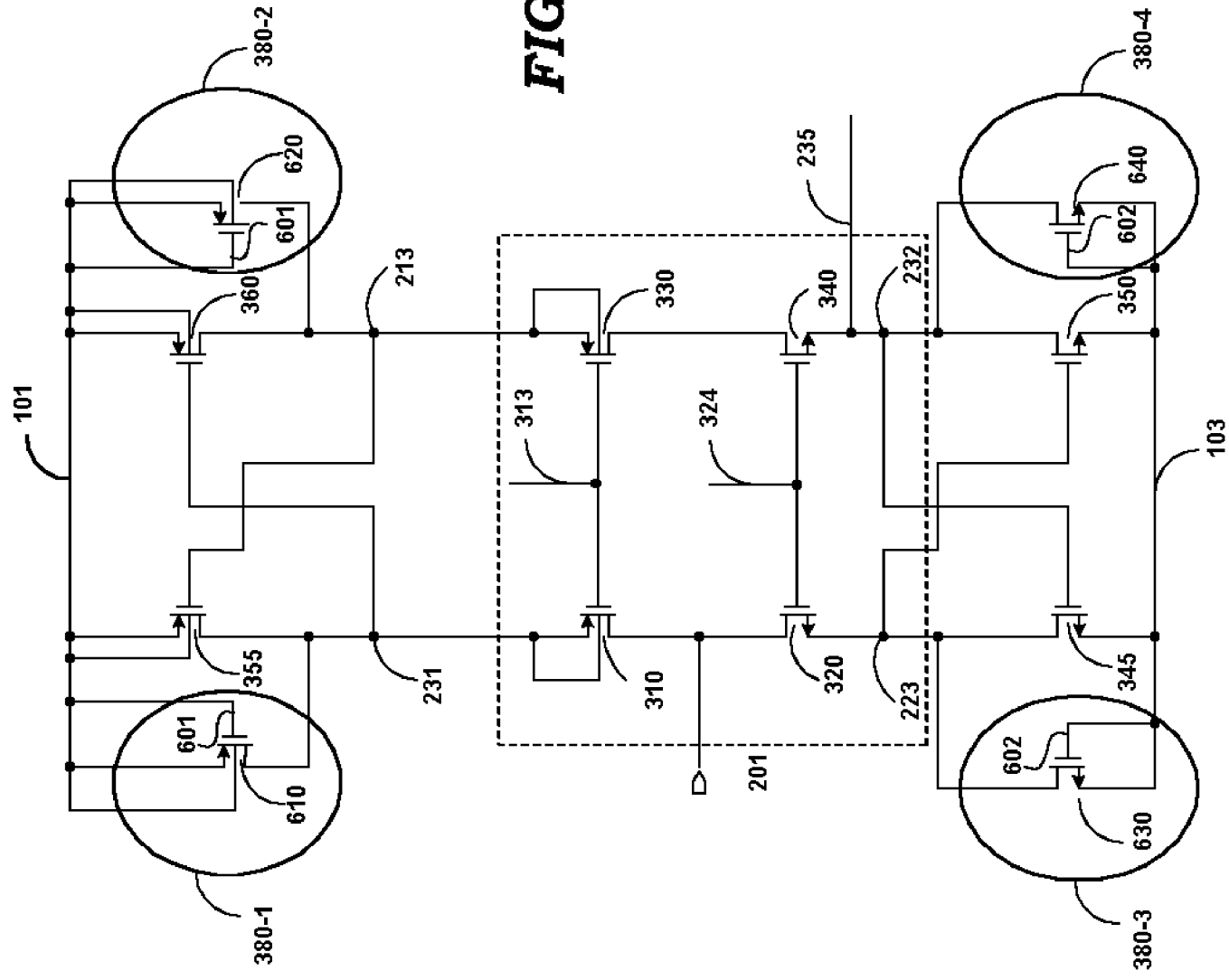


FIG. 6

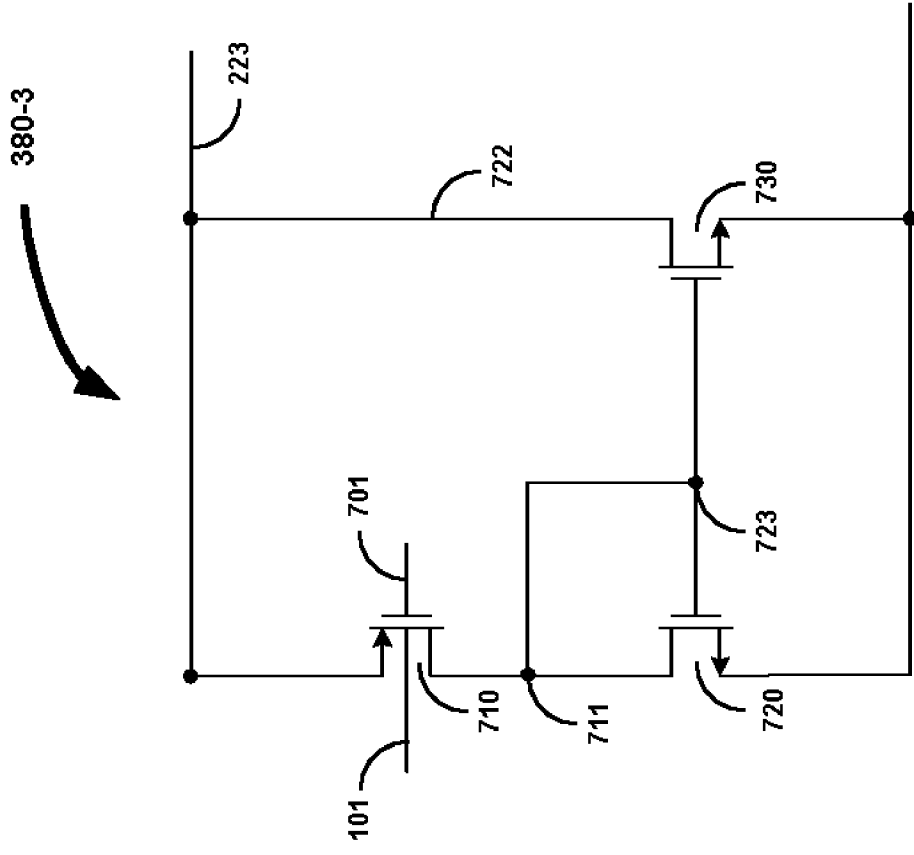


FIG. 7

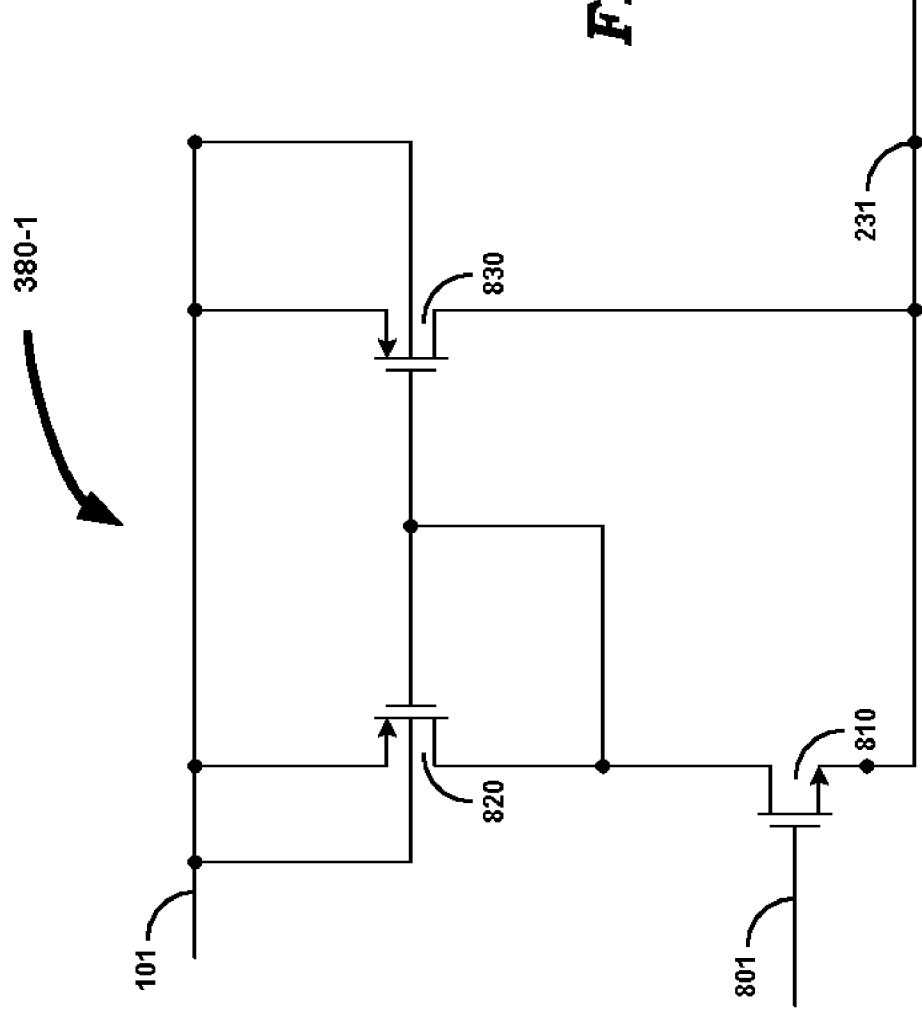


FIG. 8

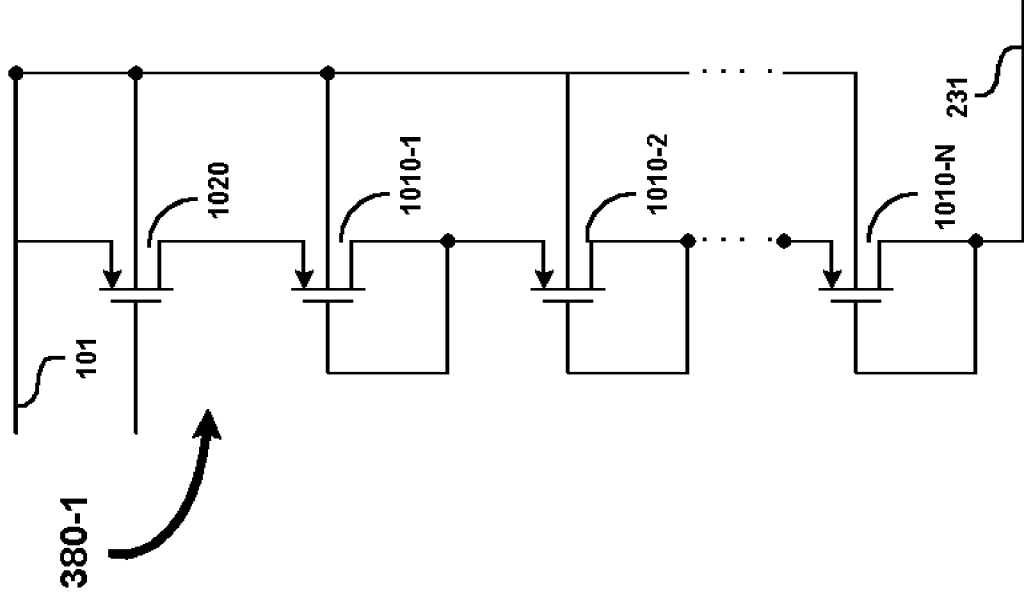


FIG. 10

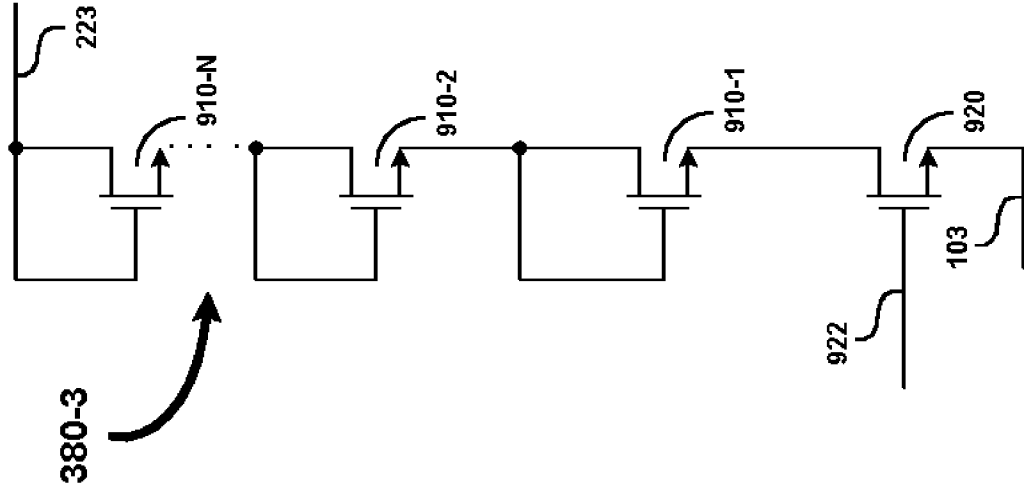
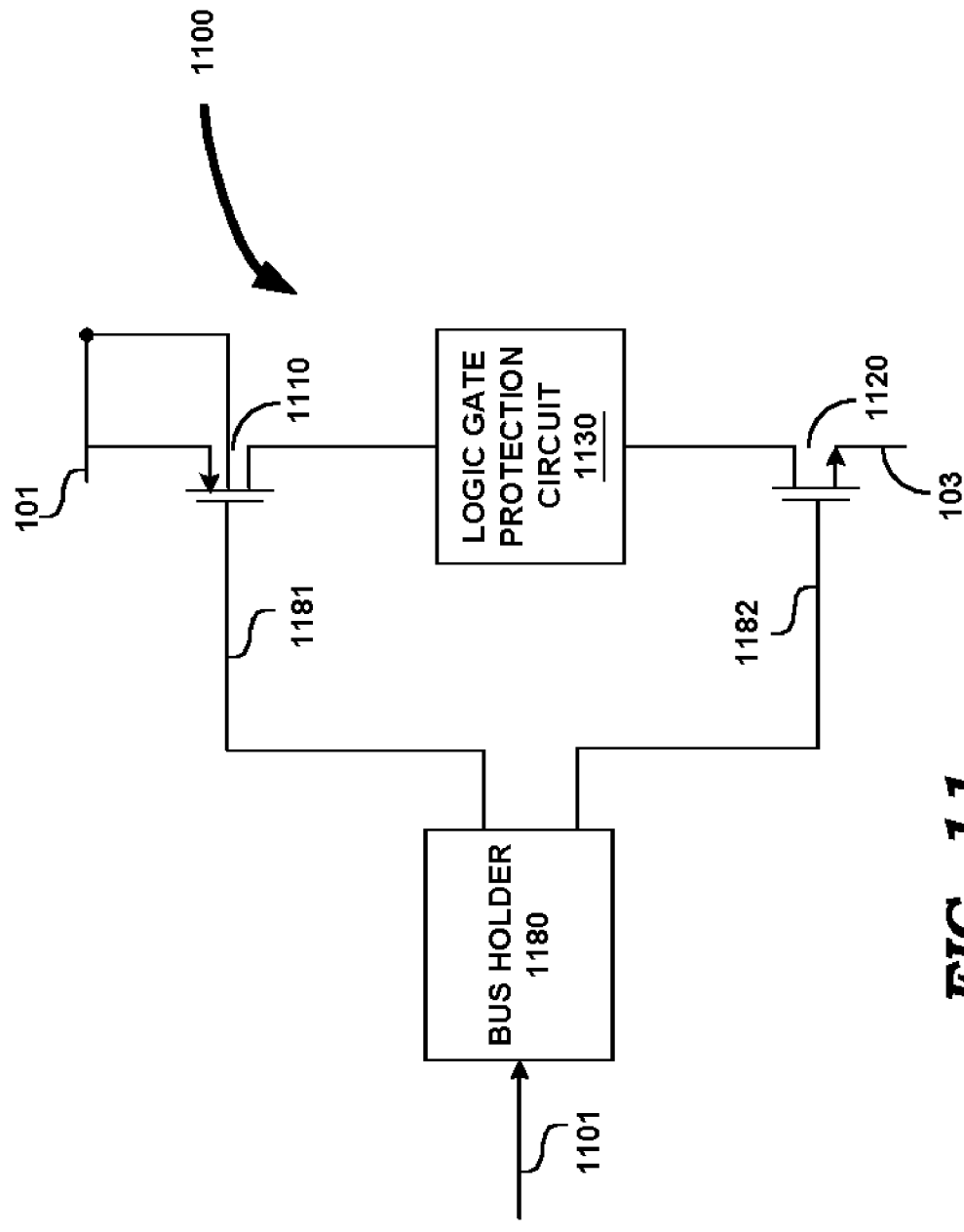


FIG. 9



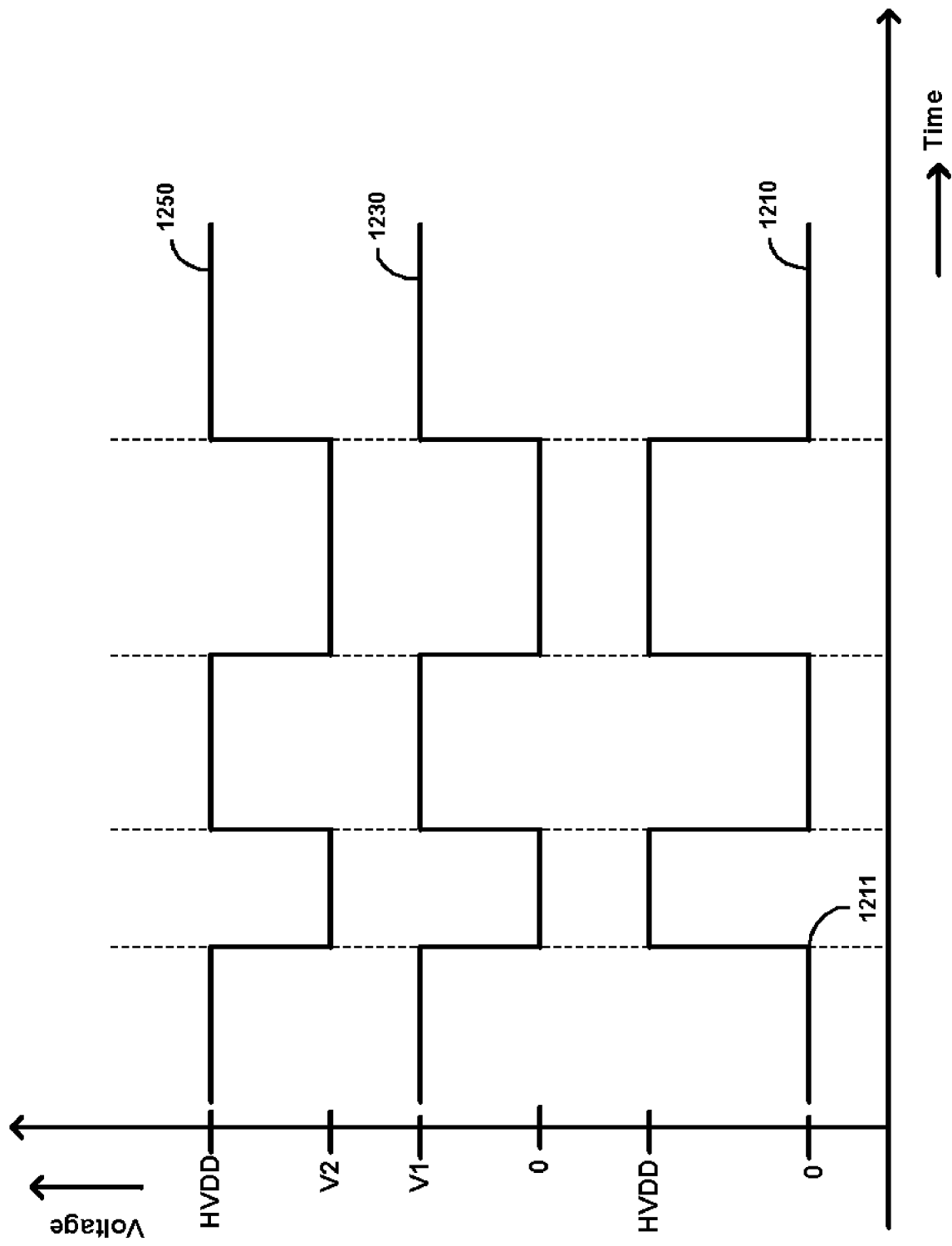
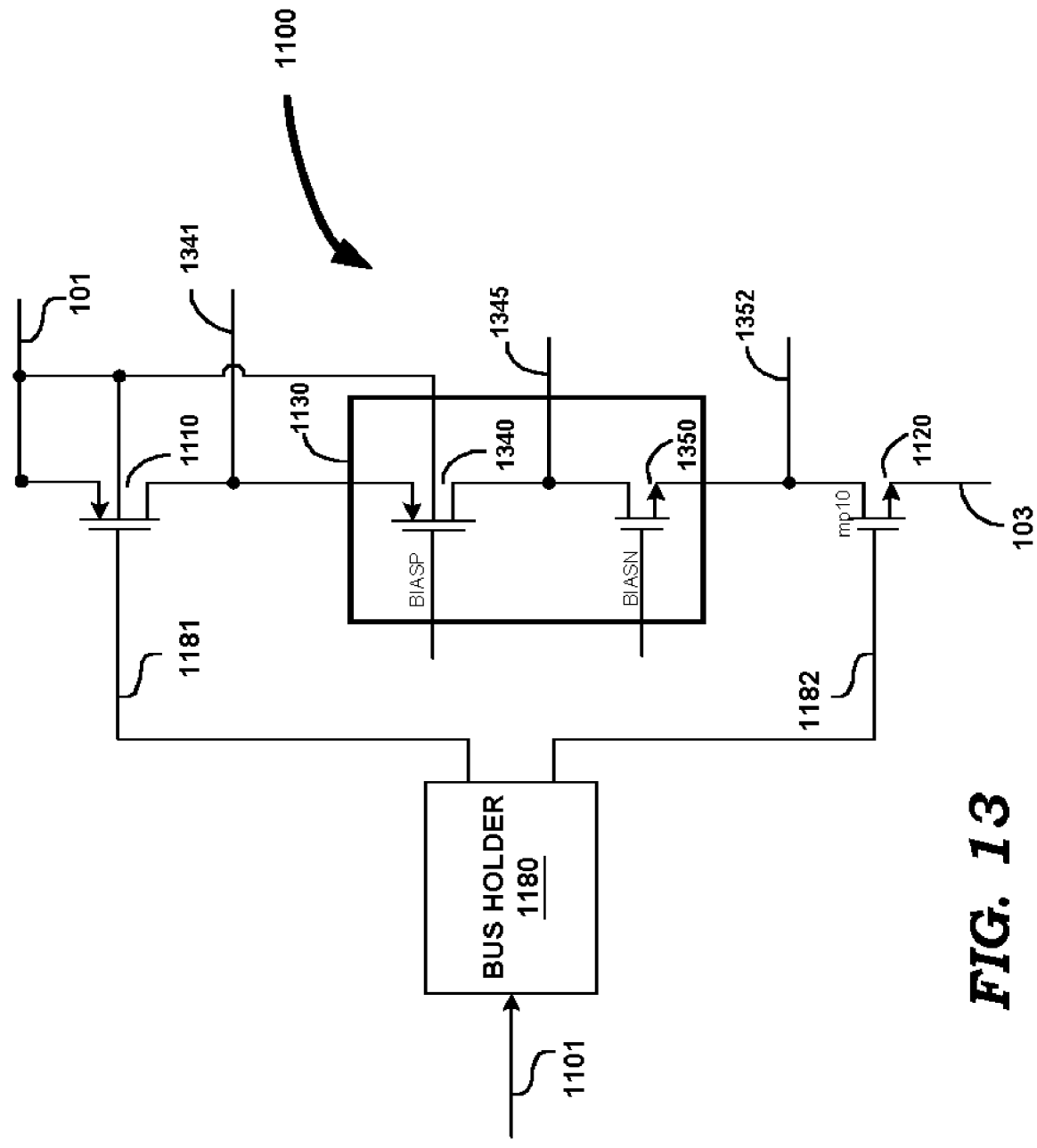


FIG. 12



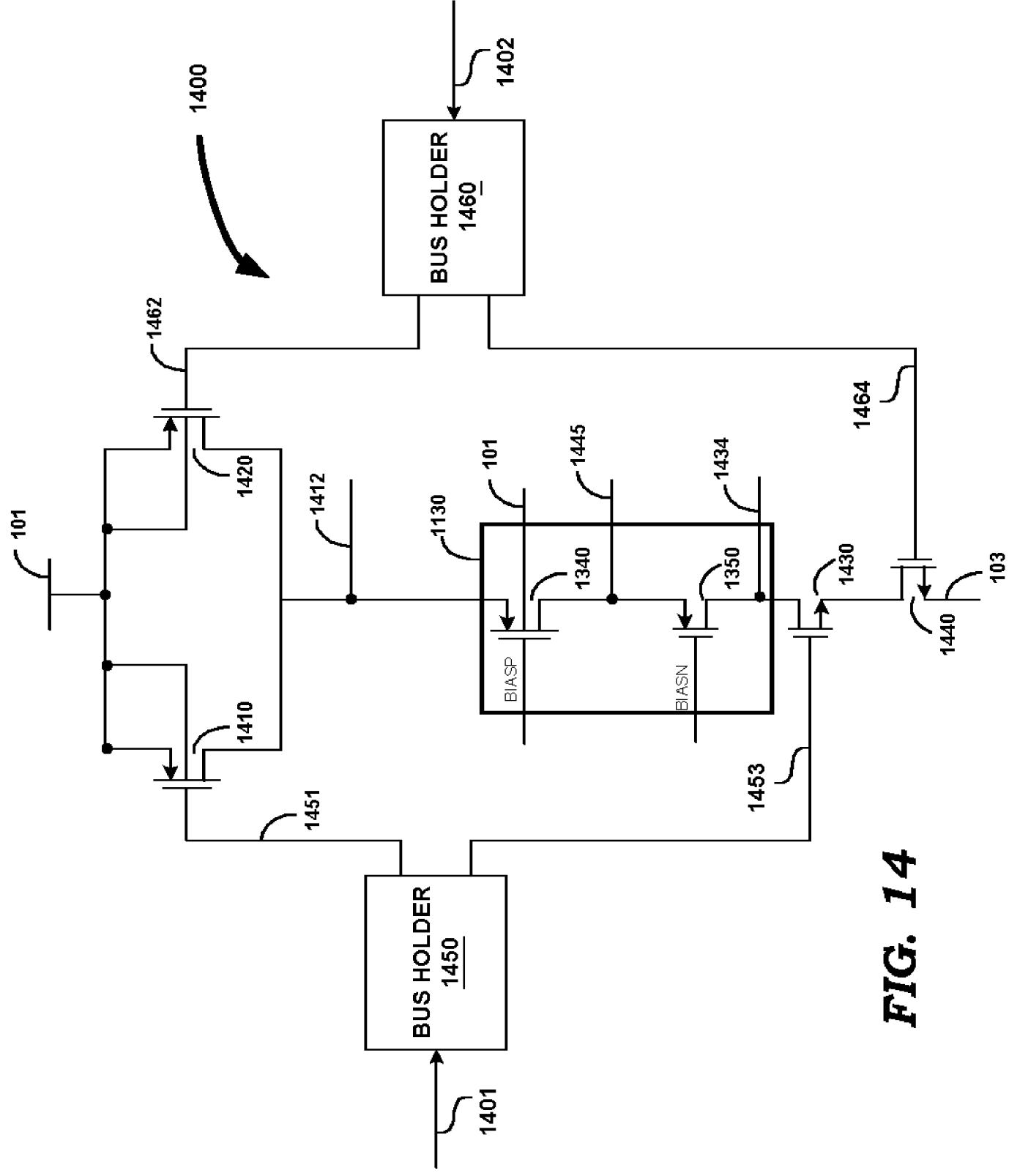


FIG. 14

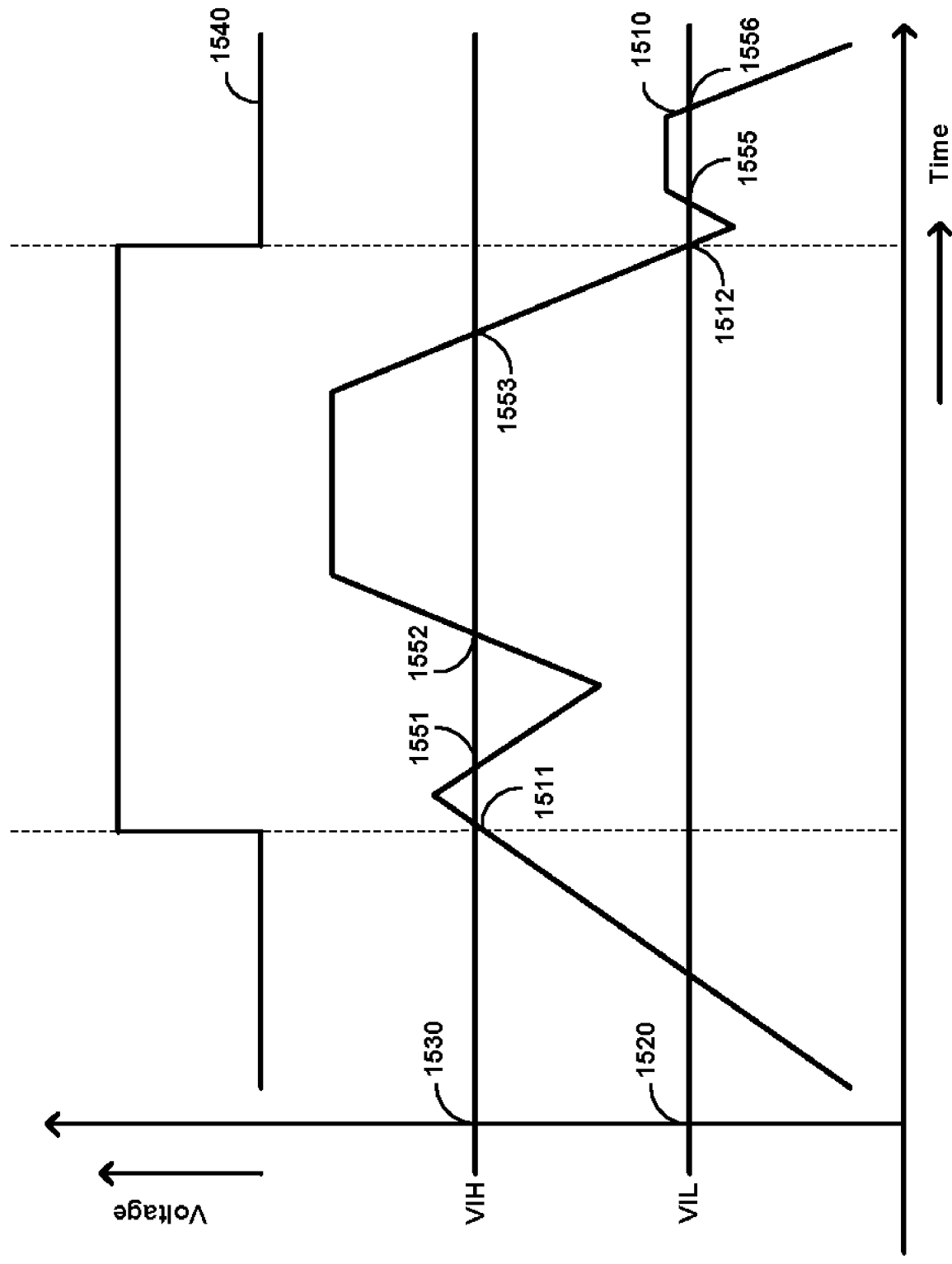
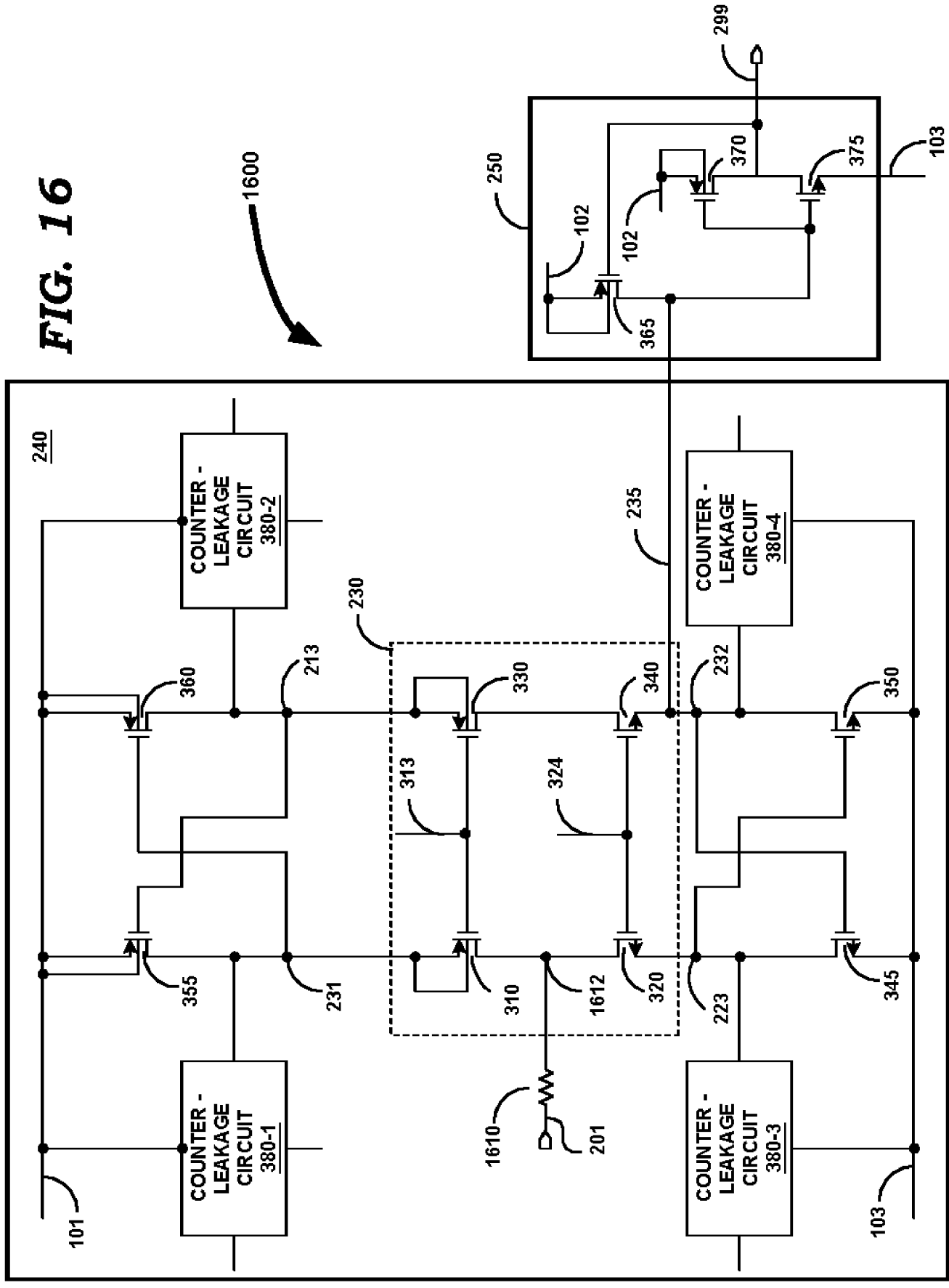


FIG. 15

FIG. 16



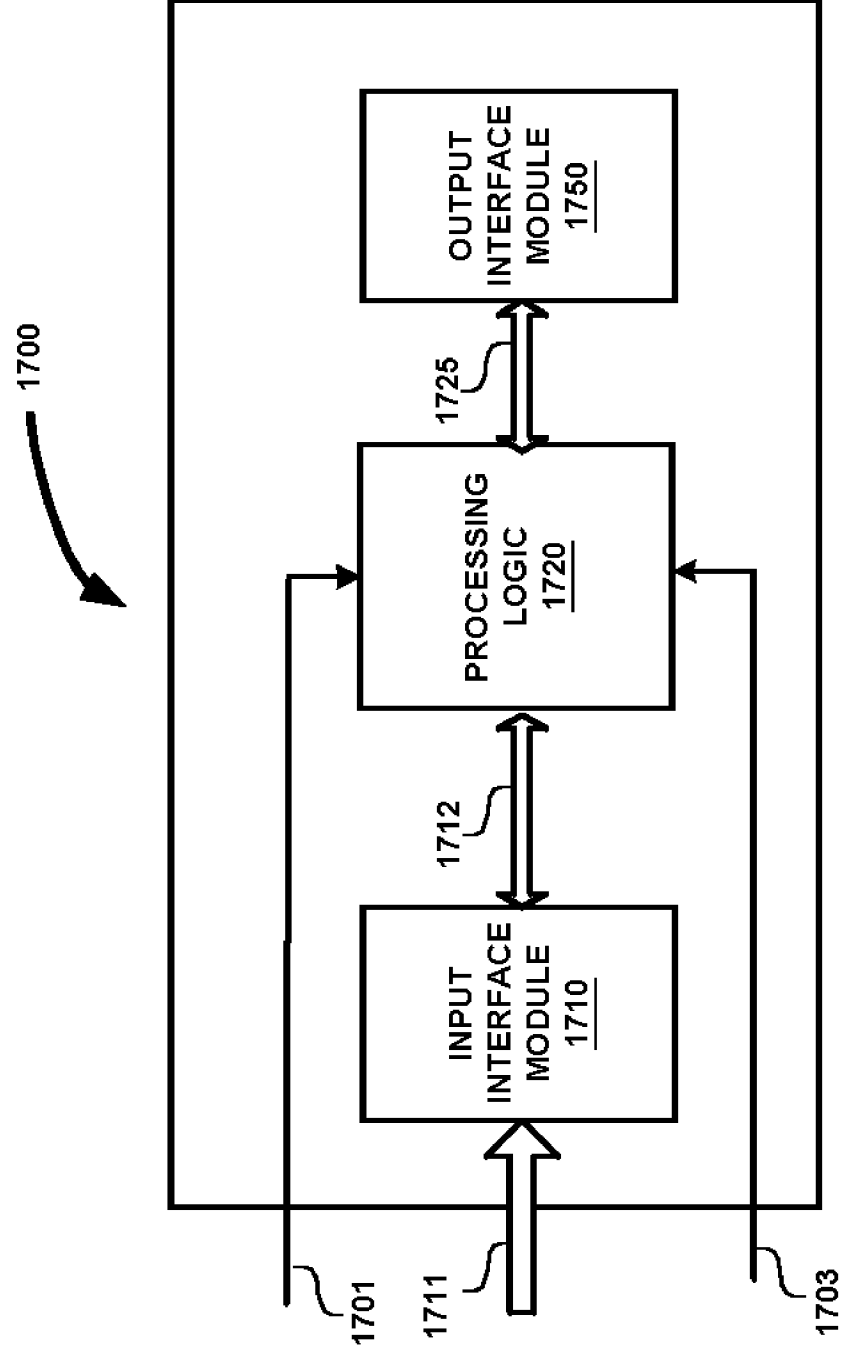


FIG. 17